12V | DMX RGB Controller

AMERICAN LIGHTING
BRIGHT IDEAS • INNOVATIVE SOLUTIONS

INSTALLATION INSTRUCTIONS
DMX-RGB-3

⚠ WARNING

These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

⚠ WARNING

When using this product outdoors, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury including the following:

- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit(s) or outlet(s) to be used for outdoor use. Receptacles are available having built-in GFCI protection for this measure of safety.
- Use only outdoor extension cords, such as type SEW, SEOW, SEOOW, SOW, SOOW, STW, STOW, STOOW, SJEW, SJEOW, SJEOOW, SJTW, SJTOW, or SJTOOW. This designation is marked in the wire of the extension cord. Never use with an extension cord unless plug can be fully inserted.
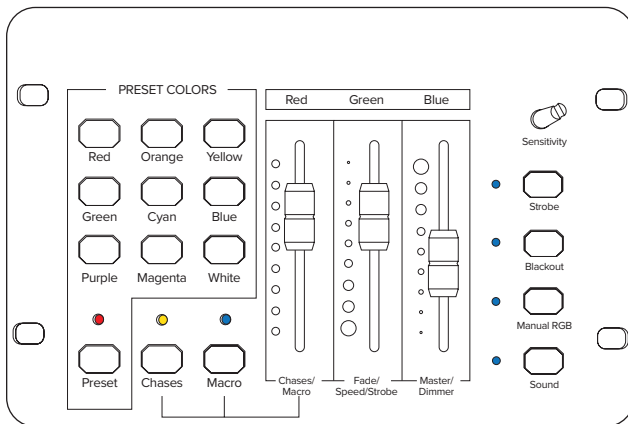
SAFETY INFORMATION

- Read all instructions before beginning. Save these instructions for future use.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual. Stay within its guidelines when using this product.
- All units must be unplugged before installing or servicing in any way.
- Do not route cords or units through walls, doors, windows, or any similar part of a building structure.
- Do not use if there is any damage to the unit, its lens, and/or power cord's insulation. Inspect periodically.
- The fixture is rated for dry locations only
- Do not let the unit stand in water or liquid, nor locate where water can accumulate.
- Secure units with mounting hardware appropriate for the mounting surface. Do not secure unit or its power cord with staples, nails, or like materials that may damage insulation.
- Do not attempt to open or service this fixture. None of its parts are seviceable by the user.
- Do not exceed the maximum run of thirty interconnected signals For any project that requires more than thirty fixtures, please consult factory.
- Do not cut the plug off or alter it in any way.
- Provide a grounded receptacle for within 5 feet of each fixture's location. If using outdoors, outlet(s) must also be GFCI and weatherproof.
- This controller includes a 12V DC wall adapter and 7ft power cord which requires a 120V outlet

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USING DMX-RGB-3 FOR COLOR CONTROL:

If the fixture(s) will be hard to reach after install, and/or you want mixing level sliders; and/or you want to change instantly to preset colors; and/or you want to use sound activation, then the DMX-RGB-3 should be used as your color controller. Note: DMX-RGB-3 must be located in a dry location. It includes a 12V DC wall adapter and 7ft power cord which requires a 120V outlet.
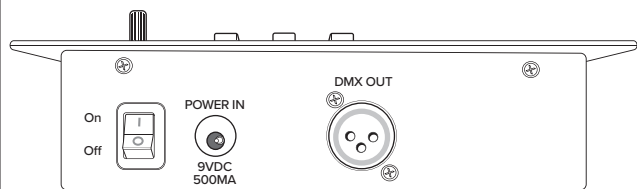
Connect an XLR3 cable to the "DMX OUT" port on the back of the unit. See Figure 2.
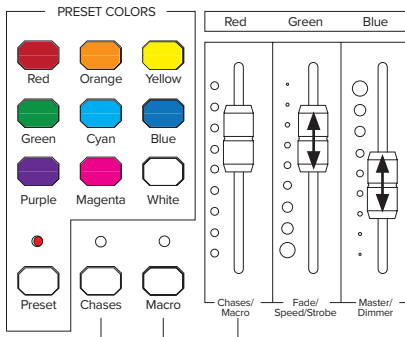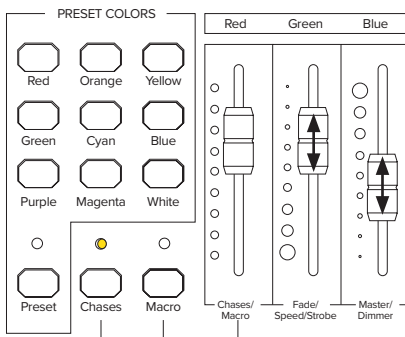

FIGURE 1 — Front View

FIGURE 2 — Back View

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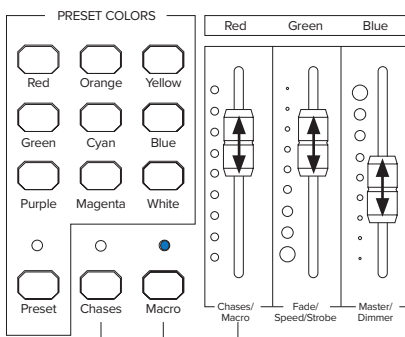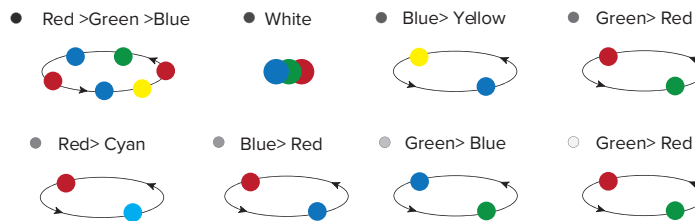
INSTALLATION INSTRUCTIONS
DMX-RGB-3

PRESET COLORS

1. There are nine colors on the DMX-RGB-3 unit preset for quick color changes at the press of a button.
   - Press the "Preset" button at the bottom to activate the function
   - Press any of the nine color buttons
   - Slide the "Fade/Speed/Strobe" slider up or down to adjust the fade rate from one preset color to the next (from 0.1 - 60 seconds)
   - Slide the "Master/Dimmer" slider up or down to control the brightness

CHASE MODE

2. There are nine chasing effects you can access using the "Chases" function.
   - Press the "Chases" button to activate the function
   - Slide the "Chases/Macro" slider to move through the chase effects (see below)
   - Slide the "Fade/Speed/Strobe" slider up or down to adjust the fade rate from one preset color to the next (from 0.1 - 60 seconds)
   - Slide the "Master/Dimmer" slider up or down to control the brightness
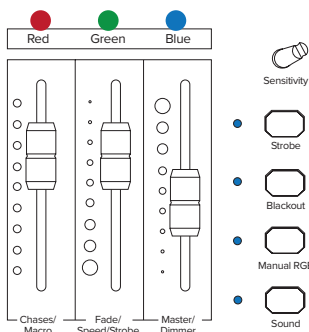
- Red >Green >Blue
- White
- Blue> Yellow
- Green> Red
- Red> Cyan
- Blue> Red
- Green> Blue
- Green> Red

MACRO MODE

1. Use the "Macro" function to produce slow and smooth fade effects
   - Press the "Macro" button to activate the function
   - Slide the "Chases/Macro" slider to move through the fade effects (see below)
   - Slide the "Fade/Speed/Strobe" slider up or down to adjust the fade rate (from 0.1 - 60 seconds)
   - Slide the "Master/Dimmer" slider up or down to control the brightness

ADVANCED EFFECTS

2. The four buttons work as follows:
   - Strobe: produces regular flashes of light
   - Blackout: produces darkness / no light output
   - Manual RGB: allows Red, Green and Blue light output to be adjusted manually using the individual sliders
   - Sound: converts the color control to a sound activated mode - use the sensitivity know to adjust the level of sound sensitivity